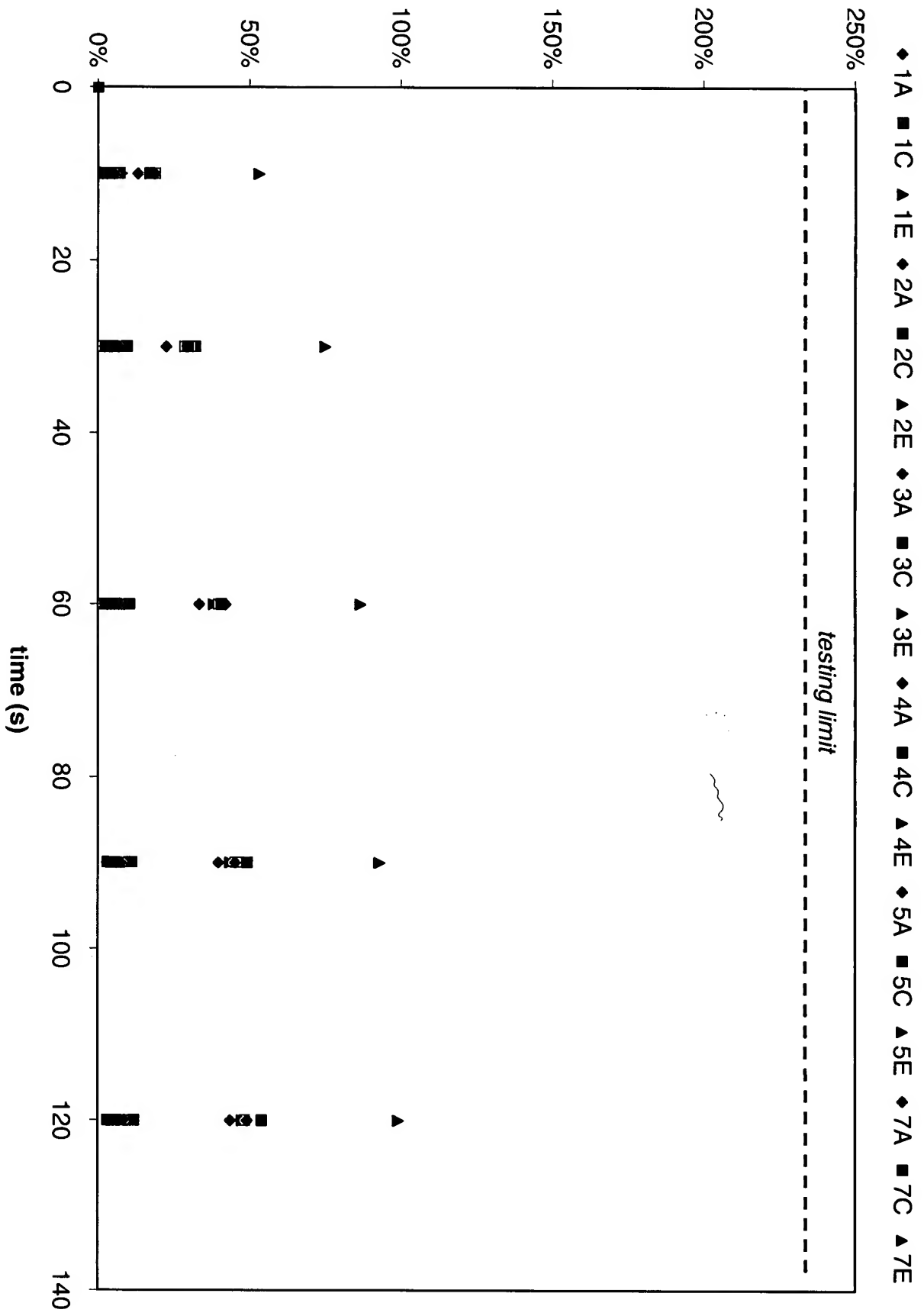


Data - Fig 14

time	1B	1D	1F	2B	2D	2F	3B	3D	3F	4B	4D	4F	5B	5D	5F	6B	7B	7D	7F
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
10	7.0%	10.9%	4.7%	10.2%	6.3%	7.0%	37.5%	85.9%	37.5%	93.0%	141.4%	50.0%	6.3%	8.6%	5.5%	90.6%	7.0%	10.2%	5.5%
30	9.4%	7.0%	6.3%	16.4%	8.6%	10.2%	60.2%	128.1%	57.8%	139.1%	183.6%	79.7%	7.8%	10.9%	7.0%	118.8%	10.9%	15.6%	7.0%
60	10.9%	7.8%	7.0%	25.0%	10.9%	14.1%	72.7%	149.2%	71.1%	170.3%	203.1%	92.2%	9.4%	13.3%	7.8%	142.2%	16.4%	24.2%	8.6%
90	12.5%	8.6%	7.8%	32.0%	13.3%	18.8%	79.7%	161.7%	77.3%	192.2%	217.2%	104.7%	10.2%	15.6%	8.6%	153.1%	22.7%	30.5%	9.4%
120	14.1%	9.4%	9.4%	35.9%	14.8%	22.7%	84.4%	171.1%	81.3%	207.0%		109.4%	10.9%	17.2%	9.4%	162.5%	27.3%	35.9%	10.2%

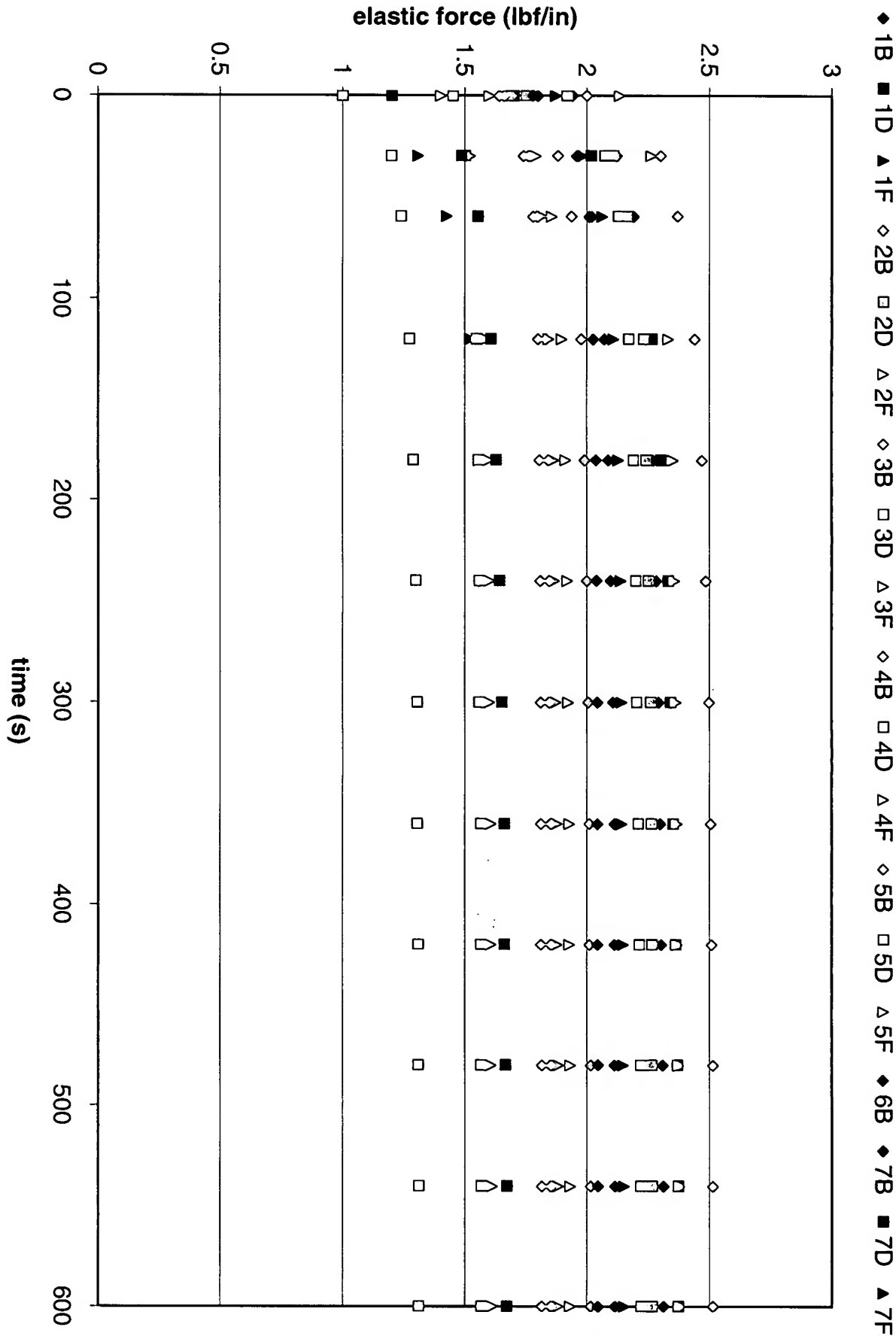
elongation (%)



Data - Fig. 15

time	1A	1C	1E	2A	2C	2E	3A	3C	3E	4A	4C	4E	5A	5C	5E	7A	7C	7E
0	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%	0.0%	0.0%
10	1.56%	1.6%	3.1%	3.9%	3.9%	3.9%	13.3%	18.8%	17.2%	18.8%	17.2%	53.1%	4.7%	7.0%	7.8%	5.5%	3.1%	4.7%
30	2.34%	2.3%	3.9%	4.7%	4.7%	5.5%	22.7%	32.0%	28.9%	29.7%	29.7%	75.0%	7.0%	9.4%	9.4%	7.0%	4.7%	6.3%
60	3.13%	2.3%	4.7%	5.47%	5.5%	5.9%	33.6%	39.8%	38.3%	42.2%	40.6%	86.7%	7.8%	10.2%	10.2%	7.03%	5.5%	7.0%
90	3.13%	3.1%	4.7%	5.5%	5.5%	6.3%	39.8%	45.3%	43.8%	45.3%	49.2%	93.0%	8.6%	10.9%	10.2%	7.8%	5.5%	7.8%
120	3.91%	3.1%	4.7%	6.3%	5.9%	6.6%	43.8%	48.4%	47.7%	49.2%	53.9%	99.2%	9.0%	11.7%	10.9%	8.6%	5.9%	8.6%

Figure 19



Data - Fig 19

Data showed is force (lbf)

time	1B	2B	3B	4B	5B	6B	7B	1D	2D	3D	4D	5D	7D	1F	2F	3F	4F	5F	7F	Comp
0	1.94	1.69	1.66	1.64	2	1.78	1.8	1.7	1.75	1.45	1	1.917	1.2	1	1.69	1.6	1.4	2.132	1.87	1.44
30	2.12	1.88	1.76	1.74	2.3	1.966	1.957	2.016	2.106	1.5	1.199	2.07	1.487	1.307	1.78	1.79	1.52	2.26	1.98	1.551
60	2.19	1.935	1.8	1.78	2.37	2.01	2.02	2.158	2.16	#N/A	1.239	2.127	1.551	1.425	1.814	1.855	1.555	#N/A	2.06	1.586
120	2.24	1.975	1.83	1.8	2.439	2.026	2.07	2.263	2.23	1.545	1.273	2.167	1.606	1.52	1.84	1.895	1.585	2.331	2.106	1.611
180	2.268	1.99	1.84	1.805	2.469	2.036	2.087	2.3	2.24	1.553	1.2888	2.187	1.626	1.555	1.86	1.91	1.595	2.351	2.126	1.621
240	2.283	2	1.845	1.81	2.484	2.038	2.097	2.33	2.25	1.558	1.298	2.197	1.64	1.575	1.865	1.918	1.6	2.356	2.136	1.626
300	2.293	2.005	1.845	1.812	2.499	2.043	2.107	2.34	2.258	1.558	1.303	2.202	1.65	1.59	1.87	1.922	1.6	2.361	2.141	1.626
360	2.298	2.01	1.85	1.812	2.504	2.043	2.112	2.35	2.26	1.563	1.303	2.207	1.66	1.601	1.875	1.927	1.605	2.366	2.141	1.631
420	2.303	2.01	1.85	1.812	2.509	2.043	2.112	2.36	2.263	1.563	1.308	2.212	1.661	1.605	1.875	1.927	1.605	2.366	2.146	1.631
480	2.308	2.015	1.85	1.815	2.514	2.045	2.112	2.367	2.263	1.563	1.308	2.217	1.665	1.605	1.88	1.93	1.605	2.371	2.146	1.635
540	2.313	2.015	1.85	1.815	2.514	2.045	2.115	2.372	2.265	1.565	1.31	2.217	1.67	1.61	1.88	1.93	1.61	2.376	2.15	1.635
600	2.313	2.015	1.85	1.815	2.514	2.045	2.115	2.372	2.265	1.565	1.31	2.22	1.67	1.61	1.88	1.93	1.61	2.376	2.15	1.635

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Data - Fig 20

Data units = Force (lbf)

time	1A	2A	3A	4A	5A	7A	1C	2C	3C	4C	5C	7C	1E	2E	3E	4E	5E	7E
0	0	1.6	1.6	1.6	1.7	0	0	1.9	1.35	0.55	1.68	0.68	0.2	0.88	0.14	1.3	1.68	0.66
30	0	1.94	1.82	1.737	2.194	0	0	2.2	1.68	0.725	2.3	1.22	0.76	1.22	0.27	1.441	2.1	1.02
60	0	2.004	1.845	1.772	2.26	0.005	0	2.22	1.72	0.76	2.43	1.33	0.9	1.29	0.31	1.486	2.17	1.12
120	0	2.049	1.855	1.797	2.294	0.137	0	2.245	1.74	0.78	2.48	1.4	0.99	1.34	0.34	1.52	2.215	1.19
180	0	2.064	1.865	1.806	2.309	0.18	0	2.255	1.75	0.79	2.51	1.44	1.017	1.36	0.36	1.53	2.235	1.237
240	0	2.069	1.865	1.808	2.32	0.215	0	2.26	1.76	0.8	2.52	1.465	1.037	1.37	0.38	1.535	2.245	1.252
300	0	2.074	1.87	1.81	2.324	0.24	0	2.26	1.76	0.805	2.525	1.48	1.057	1.375	0.39	1.535	2.25	1.272
360	0	2.074	1.87	1.811	2.329	0.26	0	2.265	1.765	0.805	2.525	1.49	1.072	1.38	0.39	1.54	2.25	1.282
420	0	2.077	1.87	1.81	2.33	0.28	0	2.265	1.765	0.81	2.525	1.495	1.077	1.38	0.39	1.54	2.25	1.288
480	0	2.079	1.87	1.815	2.33	0.292	0	2.265	1.77	0.81	2.53	1.495	1.082	1.38	0.39	1.54	2.25	1.288
540	0	2.08	1.87	1.815	2.33	0.307	0	2.265	1.77	0.81	2.53	1.5	1.085	1.38	0.39	1.54	2.25	1.292
600	0	2.08	1.87	1.815	2.33	0.32	0	2.265	1.77	0.81	2.53	1.5	1.085	1.38	0.39	1.54	2.25	1.292